

Practitioner's Docket No. 1001-119

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of: Michael J. Czaplicki, David Carlson and Kevin Hicks

Application No.: 10/621,209 Group No.: 1713
Filed: July 16, 2003 Examiner: Unknown
For: COMPOSITE METAL FOAM DAMPING/REINFORCEMENT STRUCTURE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicants submit this statement in accordance with their duty of disclosure under 37 CFR 1.56 and 1.97-1.98. The submission made herewith is in no way intended as an admission that the cited items constitute material prior art or otherwise would render the claims unpatentable in any way. The submission also is in no way intended to substitute for the Examiner's own independent investigation.

Copies of foreign patent documents and non-patent literature together with a listing on forms PTO/SB/08A and PTO/SB/08B are submitted herewith. Copies of cited U.S. patents and U.S. patent application publications have not been submitted due to the waiver of the requirement under 37 CFR 1.98 (a)(2)(i). Applicants respectfully

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. section 1.8(a))

I hereby certify that, on the date shown below, this correspondence is being:

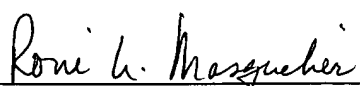
MAILING

FACSIMILE

☒ deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee," mailing Label Number EV723403801US, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

☐ transmitted by facsimile to the Patent and Trademark Office.

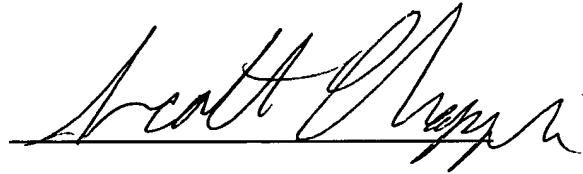
Date: 08/18/05


Signature
Roni L. MASQUELIER
(type or print name of person certifying)

solicit the Examiner's consideration of the cited references and entry thereof into the record of this application.

This Information Disclosure Statement is being submitted after the mailing of a first Office Action or Notice of Allowance. The fee of \$180.00 is enclosed in the form of a check. If any additional fee is due with the filing of this paper please charge the amount to deposit account 50-1097.

Date: 17 August 2005



Scott A. Chapple
Registration No. 46,287
Dobrusin & Thennisch PC
29 W. Lawrence St., Suite 210
Pontiac, MI 48342
248-292-2920
Customer No. 25215

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/621,209
Filing Date	07/16/2003
First Named Inventor	Michael J. Czaplicki
Art Unit	1775
Examiner Name	Zimmerman
Attorney Docket Number	1001-119

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,722,720	4/20/2004	Donick et al.	
		US- 6,668,457	12/30/2003	Czaplicki	
		US- 6,820,923	11/23/2004	Bock	
		US- 2003/0050352	3/13/2003	Guenther et al.	
		US- 6,777,049	8/17/2004	Sheldon et al.	
		US- 2002/0174954	11/28/2002	Busseuil et al.	
		US- 2004/0018341	1/29/2004	Richardson et al.	
		US- 2003/0218019	11/27/2003	Le Gall et al.	
		US- 6,920,693	7/26/2005	Hankins et al.	
		US- 6,668,457	12/30/2003	Czaplicki	
		US- 6,692,347	2/17/2004	Schneider	
		US- 2004/0074150	4/22/2004	Wycech	
		US- 6,729,425	5/4/2005	Schneider	
		US- 6,207,244	3/27/2001	Hesch	
		US- 6,748,667	6/15/2004	Sevastian	
		US- 2004/0011282	1/22/2004	Myers et al.	
		US- 2004/135058	7/15/2004	Wycech	
		US- 2004/0079478	4/29/2004	Merz	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 0236291	9/9/1987	Austria Metall		
		GB 2 375 328	11/13/2002	L&L Products		
		EP 1 362 683	11/19/2003	L&L Products		
		EP 1 362 769	11/19/2003	L&L Products		
		WO 03/042024	5/22/2003	L&L Products		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

1

Application Number

10/621.209

Filing Date

07/16/2003

First Named Inventor

Michael J. Czaplicki

Art Unit

1775

Examiner Name

Zimmerman

Attorney Docket Number

1001-119

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,777,049	8/17/2004	Sheldon et al.	
		US- 6,786,533	9/7/2004	Bock et al.	
		US- 6,491,336	12/10/2002	Beckmann et al.	
		US- 5,575,272	3/10/1998	Jones	
		US- 6,820,923	11/23/2004	Bock et al.	
		US- 6,793,274	9/21/2004	Riley et al.	
		US- 6,811,864	11/2/2004	Czaplicki et al.	
		US- 6,708,979	3/23/2004	Stratman et al.	
		US- 6,691,468	2/17/2004	Helferty	
		US- 2005/0081383	4/21/2005	Kosal et al.	
		US- 2005/0082111	4/21/2005	Weber	
		US- 6,846,559	1/25/2005	Czaplicki et al.	
		US- 6,855,652	2/15/2005	Hable et al.	
		US- 6,851,232	2/8/2005	Schwegler	
		US- 6,890,021	5/10/2005	Bock et al.	
		US- 2005/0102815	5/19/2005	Larsen	
		US- 6,905,745	6/14/2005	Sheldon et al.	
		US- 2005/0126286	6/16/2005	Hable et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP 1 428 744	6/16/2004	Henkel		
		WO 03/051676	6/26/2003	Sika		
		EP 1 475 295	11/10/2004	L&L Products		
		EP 1 134 126	3/12/2001	Sika		
		WO 03/093387	11/13/2003	Sika		

Examiner
Signature

Date

Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Complete if Known

Application Number	10/621,209
Filing Date	07/16/2003
First Named Inventor	Michael J. Czaplicki
Art Unit	1775
Examiner Name	Zimmerman
Attorney Docket Number	1001-119

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2005/0127145	6/16/2005	Czaplicki et al.	
		US- 6,887,914	5/3/2005	Czaplicki et al.	
		US- 2005/0159531	7/21/2005	Ferng	
		US- 6,722,720	4/20/2004	Donick et al.	
		US- 4,707,397	11/17/1987	Morimura et al.	
		US- 6,607,831	8/19/2003	Ho et al.	
		US- 5,841,081	11/24/1998	Thompson et al.	
		US- 2002/0066254	6/6/2002	Ebbinghaus	
		US- 3,615,974	10/26/1971	Graff	
		US- 2005/0058787	3/17/2005	Ishikawa et al.	
		US- 2005/0126848	6/16/2005	Siavoshai et al.	
		US- 3,839,080	10-1-1974	Niebylski et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 02/055923	7/18/2002	Daimler Chrysler		
		WO 03/089221	10/30/2003	Dow		
		EP 1 182 087	2/27/2002	Nissan		
		WO 05/044630	5/19/2005	Dow		
		DE 4430920	3-7-1996	Daimler Benz		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Complete if Known

Application Number	10/621,209
Filing Date	07/16/2003
First Named Inventor	Michael J. Czaplicki
Art Unit	1775
Examiner Name	Zimmerman
Attorney Docket Number	1001-119

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		WO 02/055923	7/18/2002	Daimler Chrysler		
		EP 1 057 671	5/22/2003	Bourdin		
		WO 03/047951	6/12/2003	Dow		

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Please type a plus sign (+) inside this box → +

PTO/SB/08B (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

0

Complete if Known

Application Number	10/621,209
Filing Date	07/16/2003
First Named Inventor	Michael J. Czaplicki
Group Art Unit	1775
Examiner Name	Zimmerman
Attorney Docket Number	1001-119

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Copending European Application Serial No. 0130439.3 filed December 20, 2001	
		Copending European Application Serial No. 0211268.8 filed May 17, 2002	
		Copending European Application Serial No. 0211287.8 filed May 17, 2002	
		Copending Application Serial No. 60/451,811 filed March 4, 2003	
		BORN et al., "Structural Bonding in Automotive Applications".	
		HOPTON et al., "Application of a Structural Reinforcing Material to Improve Vehicle NVH Characteristics".	
		LILLEY et al., "Comparison of Preformed Acoustic Baffles and Two-Component Polyurethane Foams for Filling Body Cavities".	
		LILLEY et al., "A Comparison of NVH Treatments for Vehicle Floorplan Applications".	
		LILLEY et al., "Vehicle Acoustic Solutions".	
		MANSOUR et al., "Optimal Bonding Thickness for Vehicle Stiffness".	
		International Search Report mailed March 2, 2004. PCT/US03/23115 (1001-119WO)	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.